



10588413 - GAU: 1793

PTO/SB/06A (04-07)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 10

Application Number 10/588,413
Filing Date July 31, 2006
First Named Inventor A. Johnson
Art Unit 1793
Examiner Name YANG, JIE
Attorney Docket Number 10265-722.201

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/MLS/	1	US-1,926,925	9/12/1933	Wescott	
	2	US-2,060,593	11/10/1936	Schaurte et al.	
	3	US-2,371,614	3/20/1945	Graves	
	4	US-2,608,996	9/2/1952	Forman	
	5	US-2,610,300	9/9/1952	Walton et al.	
	6	US-2,647,017	7/28/1953	Coulette	
	7	US-2,911,504	11/3/1959	Cohn	
	8	US-3,229,956	1/18/1966	White	
	9	US-3,351,463	11/7/1967	Rozner et al.	
	10	US-3,400,906	9/10/1968	Stocklin	
	11	US-3,408,890	11/5/1968	Bochman, Jr.	
	12	US-3,445,086	5/20/1969	Quinn	
	13	US-3,454,286	7/8/1969	Anderson et al.	
	14	US-3,546,996	12/15/1970	Grijalva et al.	
	15	US-3,613,732	10/19/1971	Willson et al.	
	16	US-3,620,212	11/16/1971	Fannon, Jr. et al.	
	17	US-3,659,625	5/2/1972	Colner et al.	
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	19	US-3,849,756	11/19/1974	Hickling	

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Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†*
		Country Code ² Number * Kind Code ³ (if known)				
/MLS/	145	EP0053596	6/9/1982	Liljedahl		
	146	EP1122526	8/8/2001	NEC Corporation		
	147	JP07090624	4/4/1995	Showa Electric Wire & Cable		
	148	JP10173306	6/26/1998	Olympus Optical Co Ltd		
	149	SU1434314	10/30/1988	Fedotov, Sergej G.		
	150	WO1998/053362	11/26/1998	TiNi Alloy Company		

Examiner Signature /Mark L. Shevin/

Date Considered 07/23/2008

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Sheet 2 of 10**Complete if Known**

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Filing Date	July 31, 2006
First Named Inventor	A. Johnson
Art Unit	1793
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Attorney Docket Number	10265-722.201

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/MLS/		Number-Kind Code ² (if known)			
	20	US- 3,918,443	11/11/1975	Vennard et al.	
	21	US- 3,974,844	8/17/1976	Pimentel	
	22	US- 4,055,955	11/1/1977	Johnson	
	23	US- 4,063,831	12/30/1977	Meuret	
	24	US- 4,072,159	2/7/1978	Kurosawa	
	25	US- 4,096,993	6/27/1978	Behr	
	26	US- 4,176,719	12/4/1979	Bray	
	27	US- 4,177,327	12/4/1979	Mathews	
	28	US- 4,243,963	1/6/1981	Jameel et al.	
	29	US- 4,340,049	7/20/1982	Munsch	
	30	US- 4,485,545	12/4/1984	Caverly	
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	32	US- 4,524,343	6/18/1985	Morgan et al.	
	33	US- 4,549,717	10/29/1985	Dewaegheneire	
	34	US- 4,551,974	11/12/1985	Yaeger et al.	
	35	US- 4,553,393	11/19/1985	Ruoff	
	36	US- 4,558,715	12/17/1985	Walton et al.	
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/MLS/		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	151	WO2000/004204	1/27/2000	Micro Therapeutics, Inc.		
	152	WO2003/052150	6/26/2003	Forschungszentrum Karlsruhe		
	153	WO2005/108635	11/17/2005	TiNi Alloy Company		

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	40	US- 4,619,284	10/28/1986	Delarue et al.	
	41	US- 4,654,191	3/31/1987	Krieg	
	42	US- 4,684,913	8/4/1987	Yaeger	
	43	US- 4,706,758	11/17/1987	Johnson	
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	45	US- 4,821,997	4/18/1989	Zdeblick	
	46	US- 4,823,607	4/25/1989	Howe et al.	
	47	US- 4,824,073	4/25/1989	Zdeblick	
	48	US- 4,846,388	7/18/1989	Waldbusser	
	49	US- 4,864,824	9/12/1989	Gabriel et al.	
	50	US- 4,893,655	1/16/1990	Anderson	
	51	US- 4,943,032	7/24/1990	Zdeblick	
	52	US- 5,060,888	10/29/1991	Vezain et al.	
	53	US- 5,061,914	10/29/1991	Busch et al.	
	54	US- 5,069,419	12/3/1991	Jerman	
	55	US- 5,072,288	12/10/1991	MacDonald et al.	
	56	US- 5,114,504	5/19/1992	AduJodum, II et al.	
	57	US- 5,116,252	5/26/1992	Hartman	

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Date
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07/23/2008

* Examiner initiates office reference considered, whether or not citation is in conformance with MEPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * Applicant's unique citation designation number (optional). * See Kind Codes of USPTO Patent Documents at www.uspto.gov or MEPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese Patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

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		Number-Kind Code ² (if known)			
/MLS/	58	US- 5,119,555	6/9/1992	Johnson	
	59	US- 5,129,753	7/14/1992	Wesley et al.	
	60	US- 5,160,233	11/3/1992	McKinnis	
	61	US- 5,190,546	3/2/1993	Jervis	
	62	US- 5,192,147	3/9/1993	McCloskey	
	63	US- 5,211,371	5/18/1993	Coffee	
	64	US- 5,218,998	6/15/1993	Bakken et al.	
	65	US- 5,245,738	9/21/1993	Johnson	
	66	US- 5,309,717	5/10/1994	Minch	
	67	US- 5,312,152	5/17/1994	Woebkenberg, Jr. et al.	
	68	US- 5,325,880	7/5/1994	Johnson et al.	
	69	US- 5,344,117	9/6/1994	Trah et al.	
	70	US- 5,364,046	11/15/1994	Dobbs et al.	
	71	US- 5,494,113	2/27/1996	Polan	
	72	US- 5,543,349	8/6/1996	Kurtz et al.	
	73	US- 5,619,177	4/8/1997	Johnson et al.	
	74	US- 5,622,225	4/22/1997	Sundholm	
	75	US- 5,640,217	6/17/1997	Hautocoeur et al.	
	76	US- 5,641,364	6/24/1997	Golberg et al.	

FOREIGN PATENT DOCUMENTS

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	98	US-	6,229,640	5/8/2001	Zhang	
	99	US-	6,247,493	6/19/2001	Henderson	
	100	US-	6,277,133	8/21/2001	Kanesaka	
	101	US-	6,386,507	5/14/2002	Dhuler et al.	
	102	US-	6,406,605	6/18/2002	Moles	
	103	US-	6,407,478	6/18/2002	Wood et al.	
	104	US-	6,410,360	6/25/2002	Sleenberge	
	105	US-	6,451,668	9/17/2002	Neumeier et al.	
	106	US-	6,454,913	9/24/2002	Rasmussen et al.	
	107	US-	6,470,108	10/22/2002	Johnson	
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	109	US-	6,533,905	3/18/2003	Johnson et al.	
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111	US-	6,582,985	6/24/2003	Cabuz et al.		
112	US-	6,592,724	7/15/2003	Rasmussen et al.		
113	US-	6,605,111	8/12/2003	Bose et al.		
114	US-	6,614,570	9/2/2003	Johnson et al.		

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	116	US- 6,624,730	9/23/2003	Johnson et al.	
	117	US- 6,669,795	12/30/2003	Johnson et al.	
	118	US- 6,688,828	2/10/2004	Post	
	119	US- 6,729,599	5/4/2004	Johnson	
	120	US- 6,742,761	6/1/2004	Johnson et al.	
	121	US- 6,746,890	6/8/2004	Gupta et al.	
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	124	US- 6,920,966	7/26/2005	Buchele et al.	
	125	US- 6,955,187	10/18/2005	Johnson	
	126	US- 7,040,323	5/9/2006	Menchaca et al.	
	127	US- 7,044,596	5/16/2006	Park	
	128	US- 7,084,726	8/1/2006	Gupla et al.	
	129	US- 2001/0023010	9/20/2001	Yamada et al.	
130	US- 2003/0002994	1/2/2003	Johnson et al.		
131	US- 2003/0170130	9/11/2003	Johnson		
132	US- 2006/0118210	6/8/2006	Johnson		
133	US- 2006/0213522	9/28/2006	Menchaca et al.		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	8	of	10
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Complete if Known

Application Number	10/588,413
Filing Date	July 31, 2006
First Named Inventor	A. Johnson
Art Unit	1793
Examiner Name	YANG, JIE
Attorney Docket Number	10265-722.201

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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/Mark L. Shevin/

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		Art Unit	1793
		Examiner Name	YANG, JIE
Sheet 9	of 10	Attorney Docket Number	10265-722.201

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/MLS/	136	JOHNSON, DAVID et al.; U.S. Pat. App. # 10/972,745 entitled "Non-explosive releasable coupling device," filed 10/25/2004.	
	137	XIAOGDANG, MA; U.S. Pat. App. # 10/972,759 entitled "Magnetic data storage system," filed 10/25/2004.	
	138	JOHNSON, DAVID et al.; U.S. Pat. App. # 11/006,501 entitled "Anastomosis device and method," filed 12/6/2004.	
	139	JOHNSON, DAVID et al.; U.S. Pat. App. # 11/041,185 entitled "Single crystal shape memory alloy devices and methods," filed 1/24/2005.	
	140	JOHNSON, DAVID; U.S. Pat. App. # 11/396,234 entitled "Tear-resistant thin film methods of fabrication," filed 3/31/2006.	
	141	JOHNSON, DAVID; U.S. Pat. App. # 11/415,885 entitled "Eyeglass frame," filed 5/2/2006.	
	142	JOHNSON, DAVID; U.S. Pat. App. # 11/420,157 entitled "Shape memory allow thin film, method of fabrication, and articles of manufacture," filed 5/24/2006.	
	143	JOHNSON, DAVID; U.S. Pat. App. # 11/526,138 entitled "Constant load bolt," filed 9/22/2006.	
	144	JOHNSON, DAVID; U.S. Pat. App. # 11/859,697 entitled "Constant load fastener," filed 9/21/2007.	
	159	PAULING, Linus, College Chemistry, second edition, W.H. Freeman and Company, San Francisco, 1955, pp. 81-91	

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STATEMENT BY APPLICANT**

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Sheet 10

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/MLS/	164	Buchailot L. et al., "Thin film of titanium/nickel shape memory alloy for multi-degree of freedom microactuators", Seisan Kenkyu, vol. 51, no. 8, 1999, pp. 22-23	
	165	Johnson A. D. et al., "Application of shape memory alloys: advantages, disadvantages, and limitations", Micromachining and Microfabrication Process Technology VII, 22-4 October 2001, San Francisco, CA, USA, vol. 4557, 2001, pp.341-351	
	166	Takabayashi S. et al., "Reversible shape memory alloy film fabricated by RF sputtering", Materials and Manufacturing Processes, vol. 13, no. 2, 1998, pp. 275-286	
	167	MARTYNOV, V., "TINI thin films for microactuators and microdevices: sputter deposition and processing techniques", Thermec'2003, Internat'l Conf. on Processing and Manufacturing of Advanced Materials, 7-11 July 2003, Leganes, Madrid, Spain, Materials Science Forum, 7 July 2003 vol. 426-432; pp 3475-80.	
	172	JOHNSON, DAVID et al.; U.S. Pat. App. # 11/948,852 entitled "Method of alloying reactive elemental components," filed 11/30/2007.	
	173	JOHNSON, DAVID et al.; U.S. Pat. App. # 11/949,663 entitled "Hyperelastic shape setting devices and fabrication methods," filed 12/3/2007.	

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